GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:1764
ANSWERED ON:04.05.2016
New Generation Network
Kataria Shri Rattan Lal

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether BSNL has introduced World"s latest technology, i.e. Next Generation Network (NGN) throughout the country;

(b) if so, the details thereof and the manner in which it is likely to make an impact in telecom services and the profitability of BSNL;

(c) the present status of NGN in various telecommunication circles of the country; and

(d) the facilities the NGN is providing to valuable consumers of BSNL?

Answer

THE MINISTER OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
(SHRI RAVI SHANKAR PRASAD)

(a) to(d) Bharat Sanchar Nigam Limited (BSNL) has reported that it is introducing Next Generation Network (NGN) technology throughout the country to migrate from Time Division Multiplexing (TDM) to NGN. BSNL has upgraded existing around one million lines of TDM network into NGN technology. The circle-wise details of lines commissioned are at Annexure. The rest is being done progressively based on its technical-commercial consideration.

With migration to NGN, customer will get better communication facilities on wire line network. NGN technology will also facilitate BSNL to improve its services, retain its existing landline customers/addition in new customers, resultant increased market share and consequent enhanced impact on its profitability.

Some of the facilities that NGN technology possesses and which is beneficial to BSNL as well as its customers are given below:

? Customer will get better communication Enhanced Value Added Services like Personalized Ring Back Tone.
? BSNL will be able to offer new services which are not available on TDM switches such as Wide Area IP Centrex (WIPC), Multimedia services, landline prepaid facility in etc.
? NGN enables to launch the services much faster than the legacy switches due to hardware/software consolidation.
? It eases the launch of new tariff scheme and reduces the implementation time as well.
? NGN will enable multiple avenues for BSNL with OTT (Over The Top) players.
? It saves the Operational Expenditure like space, electricity, manpower etc. as control and switch function in NGN are centralized and converged at very few locations instead of multiple locations.

Annexure
Circle-wise details of NGN lines commissioned
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No. Name of Telecom
Circle Lines Commissioned
1 Andhra Pradesh 81024
2 Assam 10000
3 Bihar 10756
4 Chattisgarh 6256
5 Chennai 47024
6 Kolkata TD 53000
7 Gujarat 86780
8 Haryana 18756
9 Himachal Pradesh 6512
10 Jammu & Kashmir 6000
11 Jharkhand 2500
12 Karnataka 45102
13 Kerala 86524
14 Madhya Pradesh 18756
15 Maharashtra 117536
16 North-East- I 13756
17 North-East- II 2512
18 Odisha 12512

19 Punjab 50012
20 Rajasthan 46756
21 Tamil Nadu 91012
22 Uttar Pradesh (East) 16256
23 Uttar Pradesh (West) 32012
24 Uttarakhand 3756
25 West Bengal 20000
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